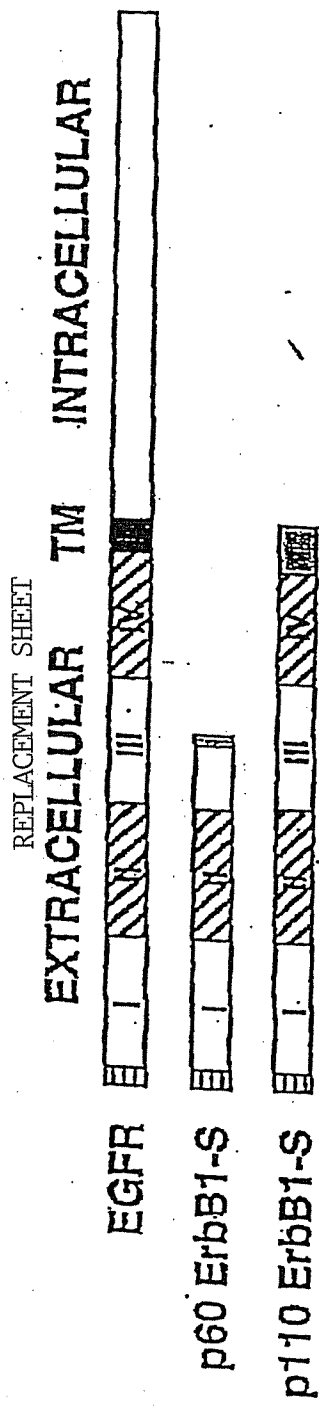


FIGURE 1



p60 ErbB1-S

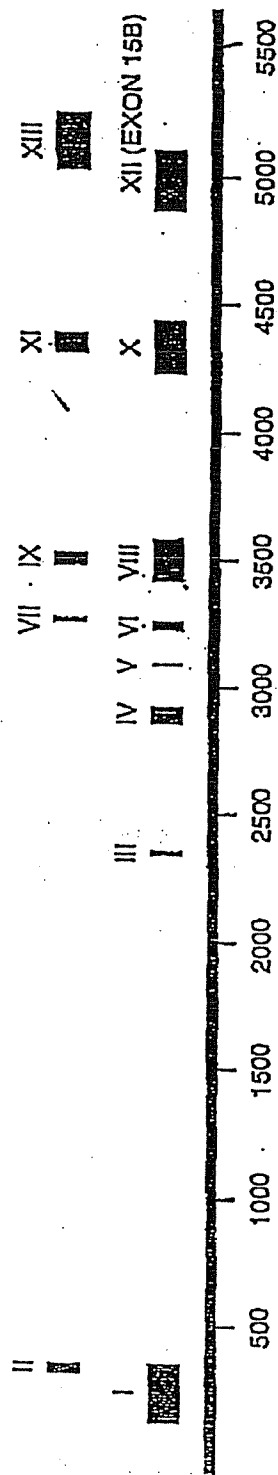
- encoded by 1.8 kb transcript
- mature product = 60 kDa
- Contains 381 amino acids
 - unique a.a: Leu and Ser
- Calculated mw = 45 kDa
 - minus signal peptide = 42 kDa

p110 ErbB1-S

- encoded by 3.0 kb transcript
- mature product = 110 kDa
- Contains 681 amino acids
 - 78 unique a.a
- Calculated mw = 77 kDa
 - minus signal peptide = 75 kDa

FIGURE 2

Alternative Exons Located In Human EGFR Intron 15



Alternative Exons Located In Human EGFR Intron 16

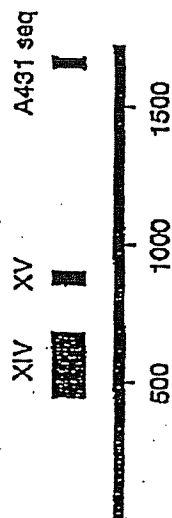


FIGURE 3

IVS #	Amino Acids	Translated Peptides
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FIGURE 4A

REPLACEMENT SHEET

XIV	ca# ACACACTGCCAGCAAGGCAAAAGGGCTTCCTTCAACATCAGCTCTGGC	444-684	79	HTAQRQKGFQHQWLPVCSK ALRKARLXSLIQTHQERVVLLS MASSQESWNTYPTSTCLPFWMPF NMNQTSRFLCHLW* SEQ ID NO: 34
XV	ca# TGAGCTGTAGGACACCCAGCAGAACTTCCCACTCCACATGCAATCTC	849-909	19	ELLGHFAELPHSTLQSQGS* SEQ ID NO: 35
A431 seq	ca# AAGCTACATAGTGTCTCCTTCCCAAGTCACTTACAGATGTCTAGTGC	1633-1687	17	SYIVSHFPRSFYKMSVH* SEQ ID NO: 36
Exon 17	ca# GCCTAAGATCCCGTCCATCGCCACTGGGATGGTGGGGCCCTCCTTGC	NA	47	PKIPSTATGMVGALLLLLVVAL GIGLFMRPRRHIVRQRTLRRLQ ERE SEQ ID NO: 37
	TGCTGTGGTGGCCCTGGGGATCGGCTCTTCATGCGAAGCGCCACATCGTTTC			
	GGTAGCCACCGCTCGGAGGCTGTCTGCAGGACAGGGAG			SEQ ID NO: 54

FIGURE 4B

Co-expression of p170 and p110 EGFR in Chinese Hamster Ovary Cells

Protein Expression

Stable	p170	vector	p170
	vector	p110	p110
Transient	p170	vector	p170
	vector	p110	p110

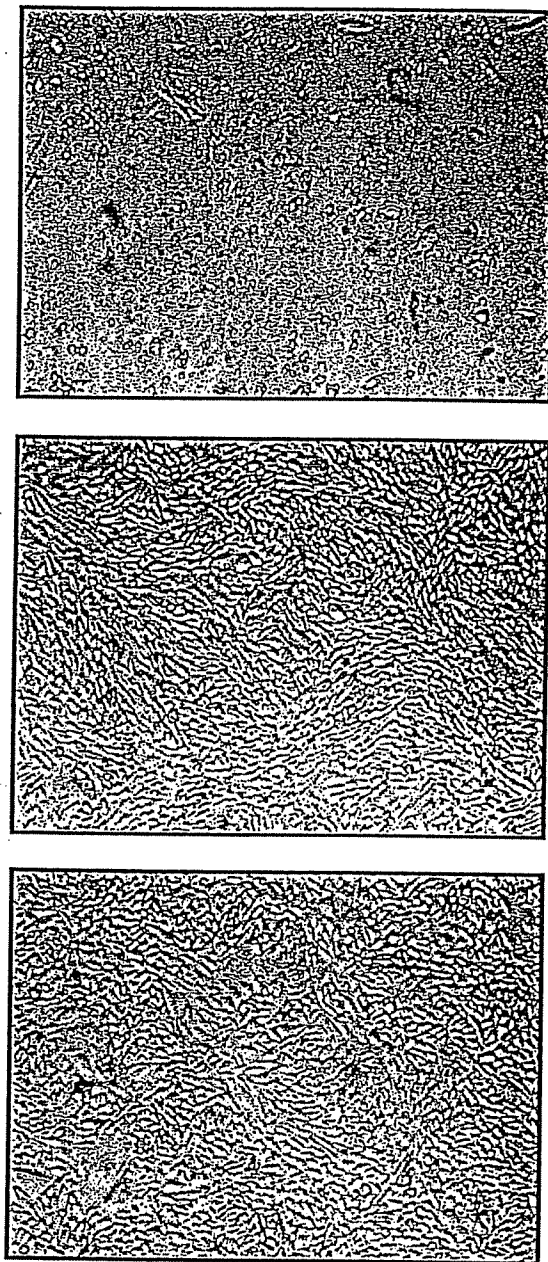
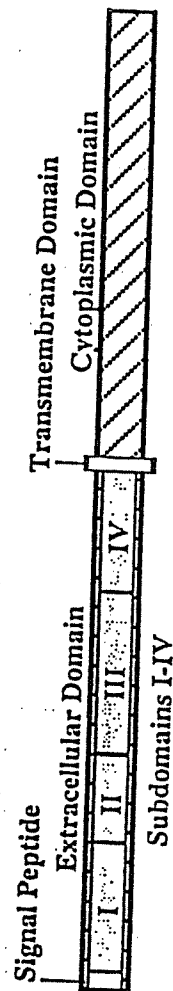


FIGURE 5

A) Full-length ErbB1 Receptor



B) Mutant Soluble ErbB1 Analog from Human A431 Cells

Unique Amino Acids



C) Soluble ErbB1 Analog from Human Placenta

Unique Amino Acids



D) Recombinant Soluble Human ErbB1 Analog



mRNA	# of Unique Amino Acids	Molecular Weight	Reference
10.5 & 5.8 kb	none	170 kDa	Ullrich et al., 1984
2.8 kb	17	110 kDa	Ullrich et al., 1984
1.8 kb	2	60 kDa	Reiter and Mathle, 1996
not applicable	none	100 kDa	

FIGURE 6

REPLACEMENT SHEET

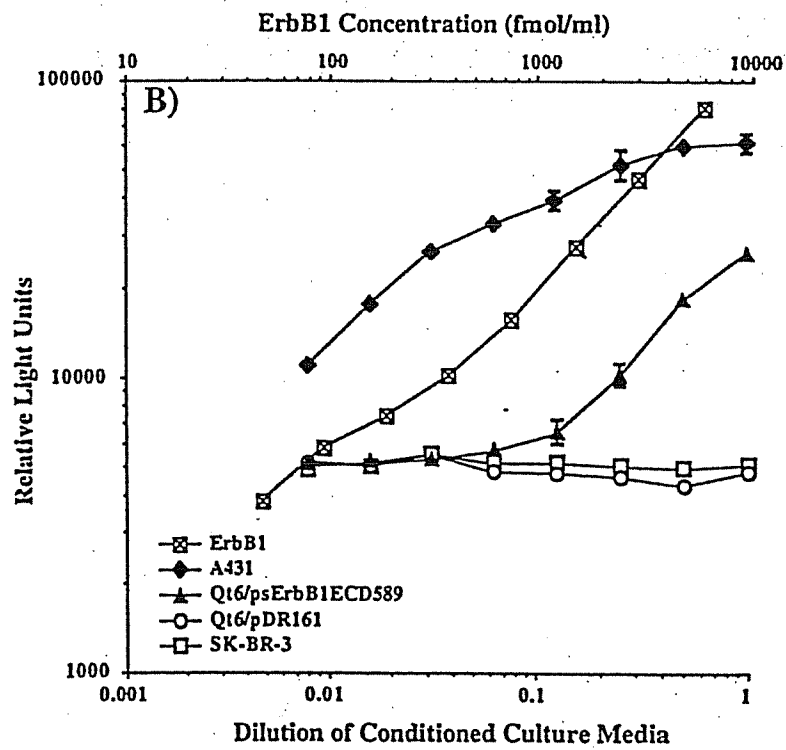
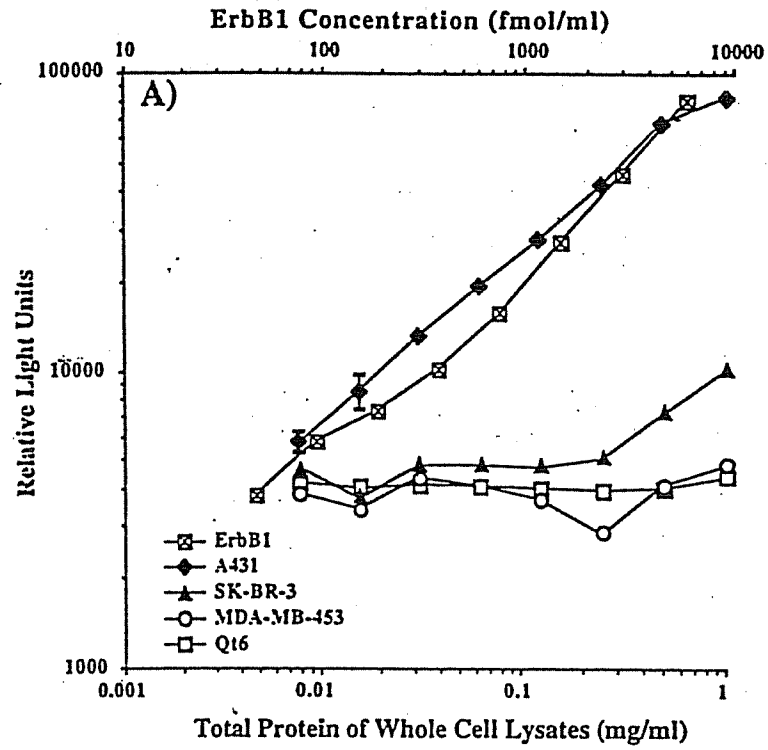


FIGURE 7

REPLACEMENT SHEET

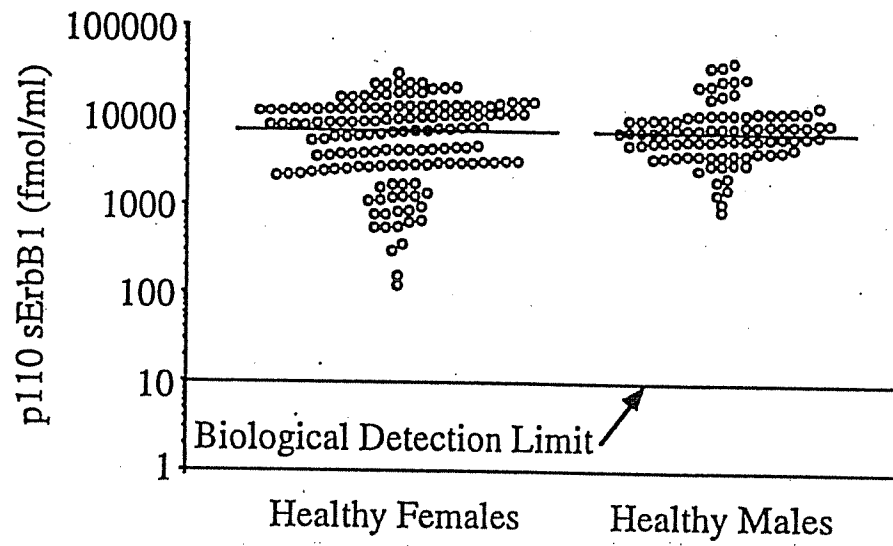


FIGURE 8

REPLACEMENT SHEET

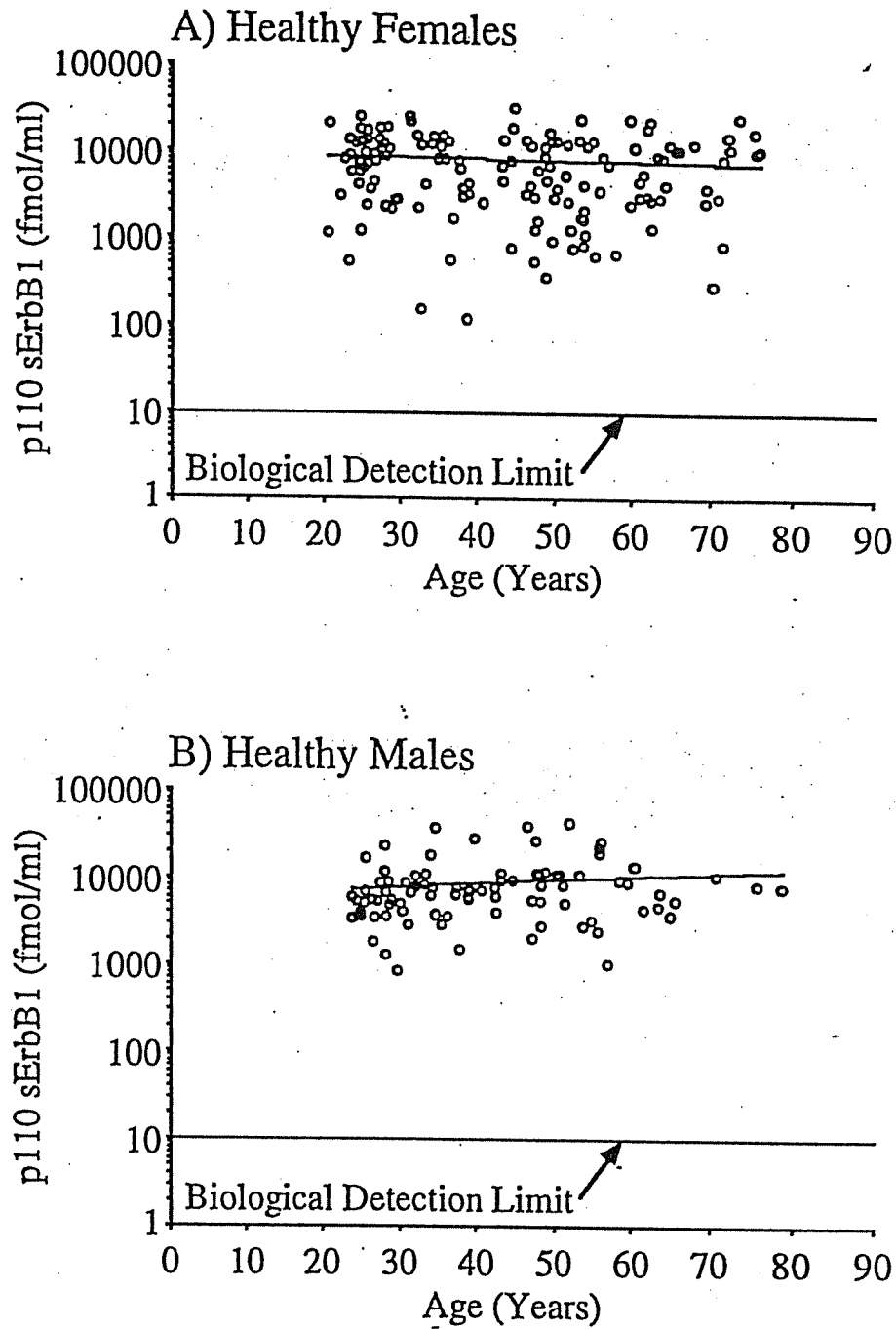


FIGURE 9

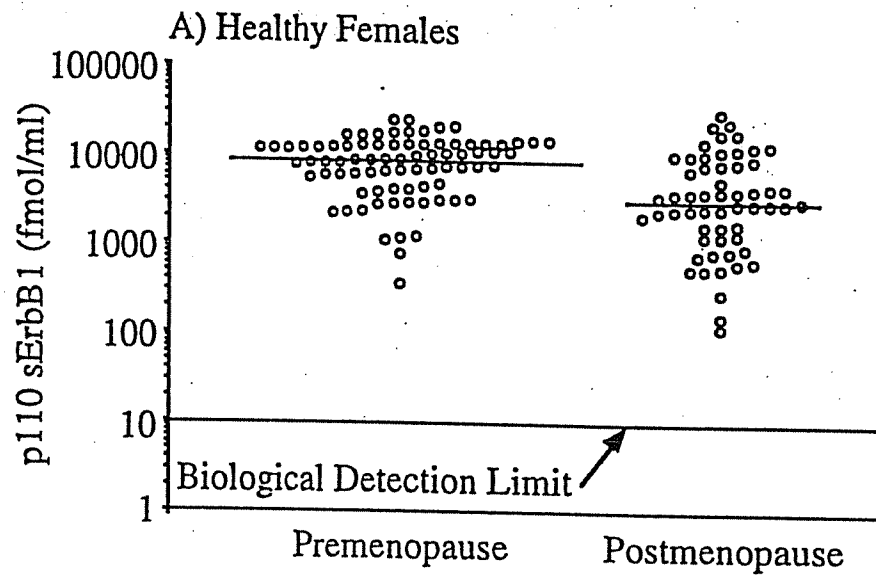


FIGURE 10

REPLACEMENT SHEET

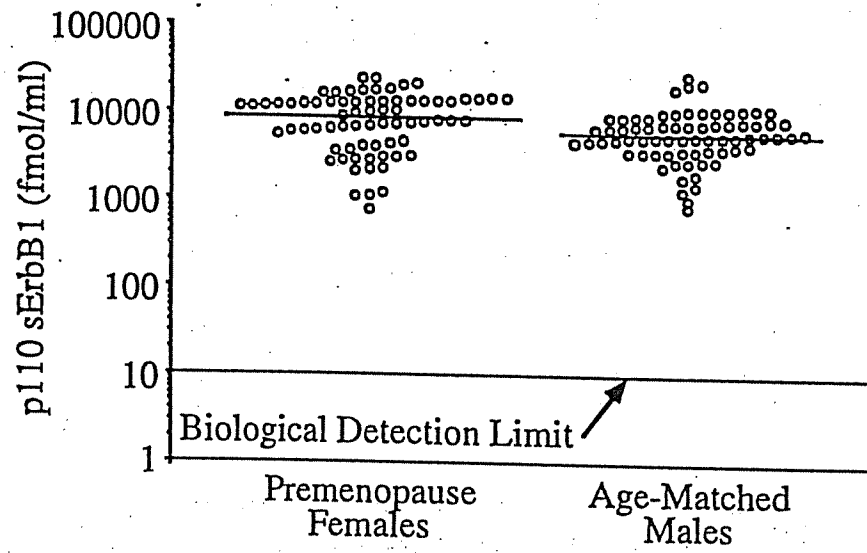
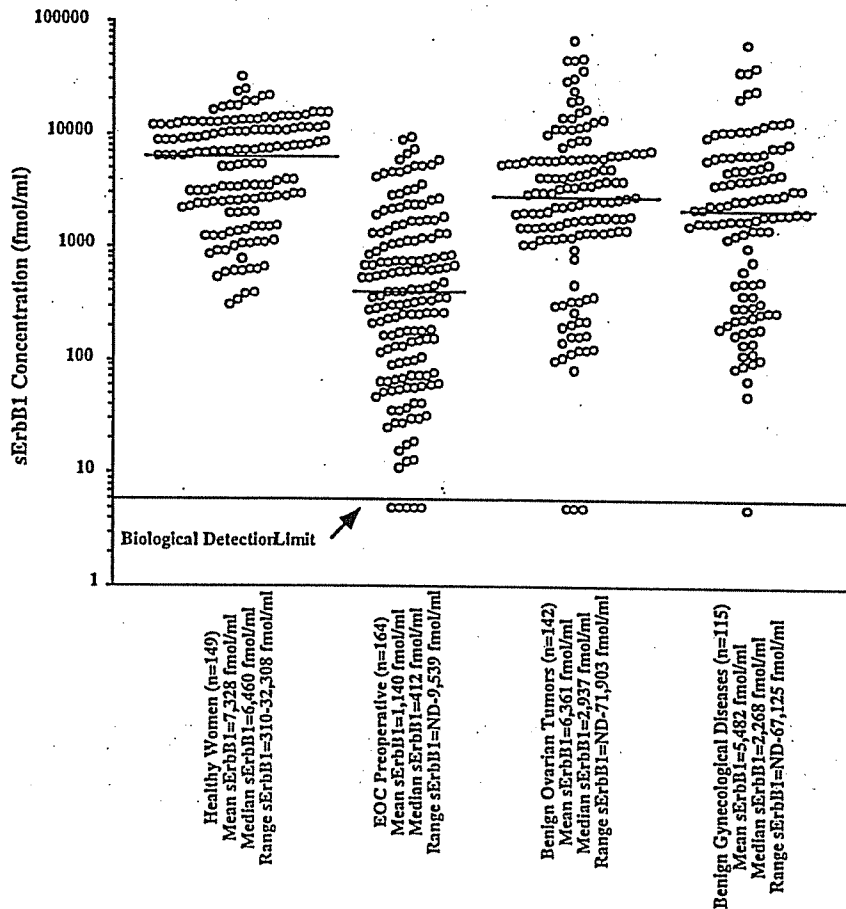


FIGURE 11

REPLACEMENT SHEET



Serum sErbB1 levels in healthy women, patients with EOC, benign ovarian tumors, and other benign gynecological diseases as measured by ALISA and compared. Serum samples with sErbB1 levels below the inter-assay biological detection limit (horizontal line with arrow) of 5.89 fmol/ml were arbitrarily assigned values of 5.0 fmol/ml for graphing purposes. Each data point represents the median of the mean sErbB1 concentration for one serum sample tested in duplicate from a minimum of three separate assays. The median sErbB1 concentration for each group of patients is indicated by the horizontal line.

FIGURE 12

FIGURE 13

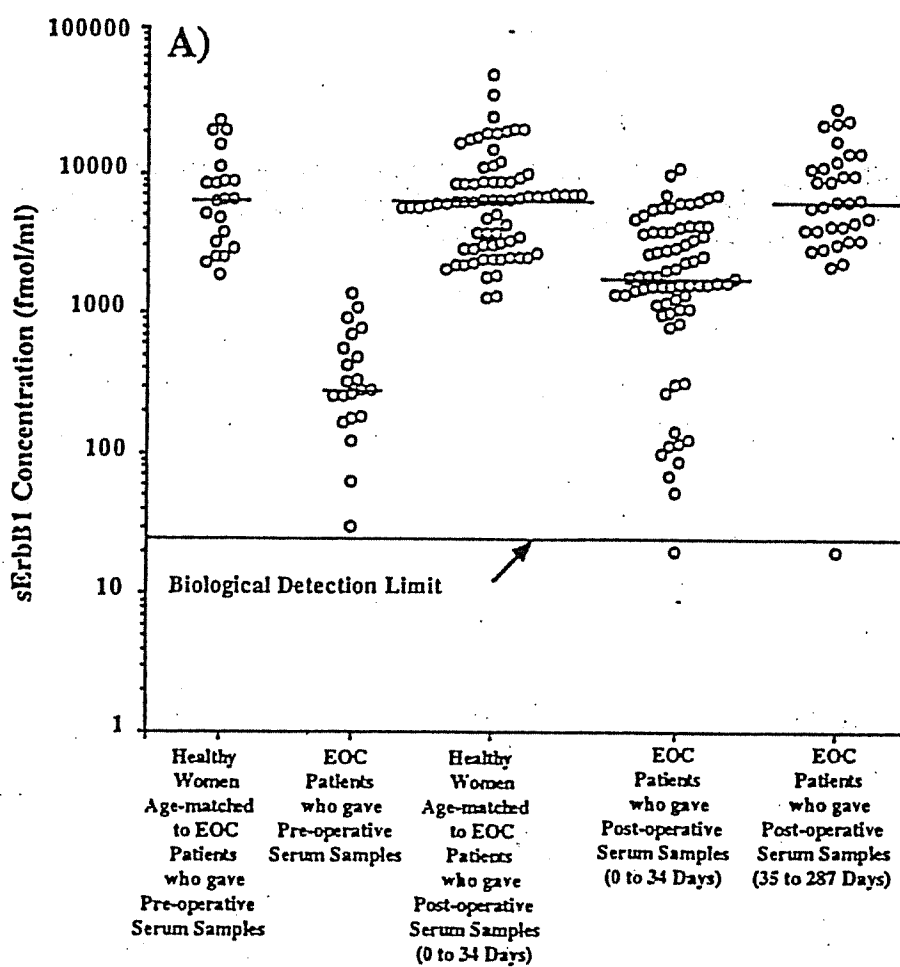


FIGURE 14

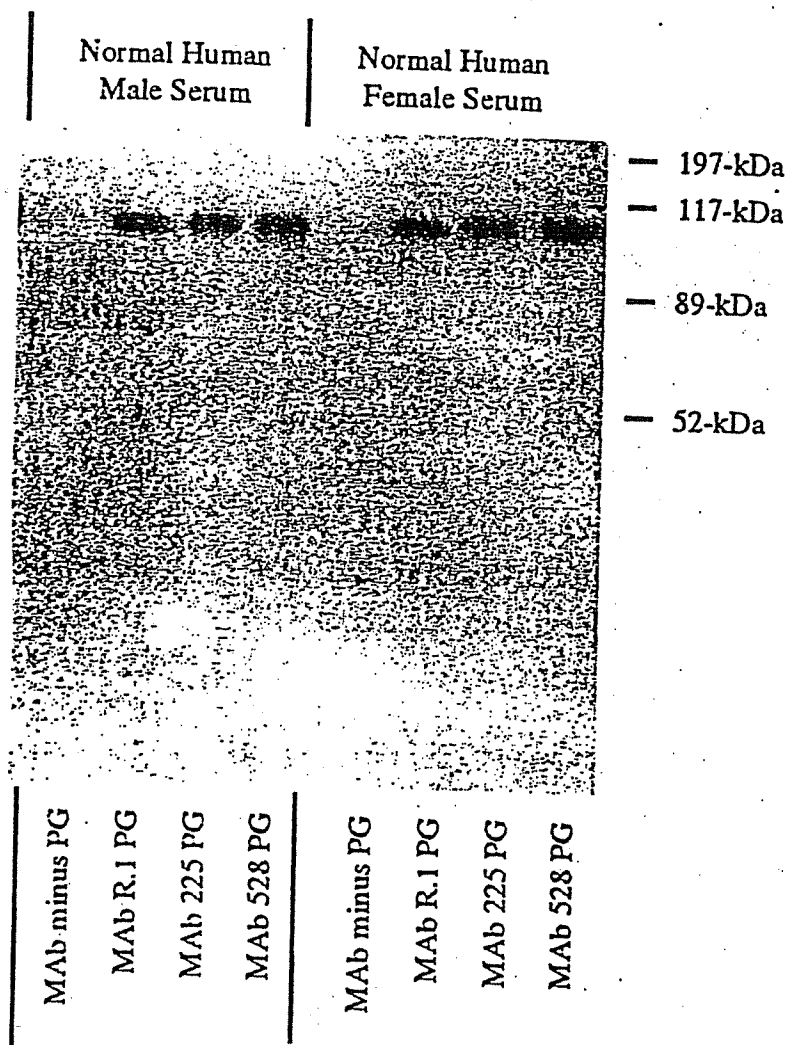


FIGURE 15

